

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Ronald S. Cok, et al

INCOHERENT LIGHT-EMITTING
DEVICE APPARATUS FOR
DRIVING VERTICAL LASER
CAVITY

Serial No. To be assigned

Filed Herewith

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Group Art Unit:

Examiner:

Express Mail Label No. EV293538395US

6-24-03
Date

Sir:

INFORMATION DISCLOSURE STATEMENT FOR CONSIDERATION
BY THE OFFICE UNDER 37 C.F.R. 1.97-1.99

Enclosed herewith are patents and/or publications for consideration by the Patent and Trademark Office in regard to the invention claimed in the above-described application. In compliance with §1.56, such documents are listed in the enclosed Form PTO-1449.

Applicants request that the Patent and Trademark Office make of record the above-identified documents. Unless otherwise indicated, a full text copy of each document is attached. For documents not in English, an English translation or an equivalent English language patent or publication may be attached. Where a translation is not available, a concise explanation of the relevance of each document not in English is included either here or in the specification.

This Information Disclosure Statement (hereinafter "Statement") is submitted according to the following selected paragraph:

- I. ☒ This Statement is being filed under §1.97(b) within three months of the filing date of the application (other than a CPA), or before the mailing of a first Office action on the merits or before the mailing of a first Office action after the filing of a request for continued examination.
- II. ☐ This Statement is being filed under §1.97(c), with fee, **prior** to the mailing date of any of a final action, a notice of allowance or an action that otherwise closes prosecution in the application. Please charge the fee required by §1.17(p) to Eastman Kodak Company Deposit Order Account Number 05-0225. A duplicate copy of this Certification is enclosed.

III. ☐ This Statement is being filed under §1.97(c), with a certification under, §1.97(e) **prior** to the mailing date of any of a final action, a notice of allowance or an action that otherwise closes prosecution in the application. The undersigned hereby states that (check one):

☐ each item of information contained in this Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement.

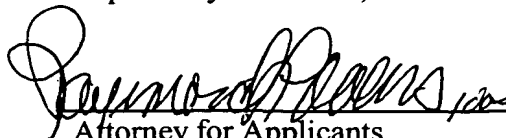
☐ no item of information in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this certification under §1.97(e) after making reasonable inquiry, no item of information contained in this Statement was known to any individual designated in §1.56(c) more than three months prior to the filing of this Statement.

IV. ☐ This Statement is being filed under §1.97(d), with fee and certification under §1.97(e), on or after the mailing date of either a final action, a notice of allowance (but prior to payment of the issue fee) or an action that otherwise closes prosecution in the application. Please charge the fee required by §1.17(p) to Eastman Kodak Company Deposit Order Account No. 05-0225. A duplicate copy of this Certification is enclosed. The undersigned hereby states that (check one):

☐ each item of information in this Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement.

☐ no item of information in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this certification under §1.97(e) after making reasonable inquiry, no item of information contained in this Statement was known to any individual designated in §1.56(c) more than three months prior to the filing of this Statement.

Respectfully submitted,



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Enclosures

FORM PTO-1449 US DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			Any. Docket No. 82518PRLO Customer No. 01333		Serial No. To be assigned	
If AFTER the later date of the first Office Action or 3 months from filing, use only with Rule 97(E) Certificate or Fee LIST OF ART CITED BY APPLICANT <i>(Use several sheets if necessary)</i>			Applicant: Ronald S. Cok, et al			
			Filing Date Herewith		Group	
U.S. PATENT DOCUMENTS						
Examiner Initial*	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	6,172,459	01/09/01	Hung et al			
	6,160,828	12/12/00	Kozlov et al.			
	5,881,083	3/9/99	Diaz-Garcia et al.			
	5,881,089	3/9/99	Berggren et al.			
FOREIGN PATENT DOCUMENTS						
Examiner Initial*	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)						
	"Organic Solid-State Lasers", by G. Kranzelbinder et al., Rep. Prog. Phys. 63 (2000) 729-762					
	"Study of Lasing Action Based on Forster Energy Transfer in Optically Pumped Organic Semiconductor Thin Films", by V. Kozlov et al., J. Applied Physics, Volume 84, Number 8, pages 4096-4108.					
	"Spontaneous Emission and Laser Oscillation Properties of Microcavities Containing a Dye Solution", by H. Yokoyama et al., Applied Physics Letter 58 (23) June 1991, pages 2598-2600					
	"Pulsed Excitation of Low-Mobility Light-Emitting Diodes: Implication for Organic Lasers", by N. Tessler et al., J. Applied Physics, Volume 74, Number 19, pages 2764-2766					
	"Light Amplification in Organic Thin Films Using Cascade Energy Transfer", by M. Berggren et al., Nature/Volume 389, 1997, pages 466-469					
	"High Peak Brightness Polymer Light-Emitting Diodes", by N. Tessler et al., Adv. Materials, 1998, 10, No. 1, pages 64-68					
	"Semiconducting Polymer Distributed Feedback Lasers", by M. McGehee et al., Applied Physics Letter, Volume 72, No. 13, March 1998, pages 1536-1538					
	"Rigorous Optical Modeling of Multilayer Organic Light-Emitting Diode Devices", by K. Kahen, Applied Physics Letter, Volume 78, Number 12, March 2001, pages 1649-1651					
	"A Polythiophene Microcavity Laser", by T. Granlund, et al., Chemical Physics Letters, 288 (1998) 879-884					
EXAMINER			DATE CONSIDERED			
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.						